

REMARKS

The Office Action notes that claims 1, 2, 4-16, and 21 are pending in the application. The applicant has amended claims 1 and 4 and added claim 22. Support for the amendments and new claim 22 can be found throughout the originally filed specification, claims, and drawings. Therefore, no new matter has been added.

The Applicants wish to thank Examiner Zervigon for the guidance he provided during a telephone interview of November 5, 2004.

Claim 1 has been amended to recite an apparatus for forming a thin film that includes a distributor including a first external surface having a cylindrical shape, a second external surface having a frustoconical shape. A plurality of injection holes are formed in the distributor and the source element is injected through the plurality of injection hole. The Applicants respectfully submit that none of the cited references, either alone or in combination, describe a thin film forming apparatus including these features.

New independent claim 22 recites an apparatus for forming a thin film. The apparatus includes a distributor connected to a gas injector. The distributor includes a first external portion having a cylindrical shape, a second external portion having a frustoconical shape, and a plurality of injection holes formed in the second portion. Each injection hole defines an interface to the reaction chamber. A source element is injected into the reaction chamber through the plurality of injection holes. The Applicants respectfully submit that none of the cited references, either alone or in combination, describe a thin film forming apparatus including these features.

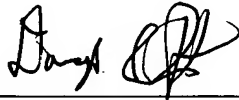
The remaining claims are dependent, either directly or indirectly, on claim 1. Therefore, the Applicant respectfully submits that none of cited references disclose all of the features of the dependent claims.

In view of the aforesaid, the Applicant respectfully submits that the present application is in condition for allowance. Favorable reconsideration is respectfully requested.

Respectfully Submitted,

Date: _____

11/15/04



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